



NCSIMUL |

The complete CNC machine verification solution

How do you test a new CNC program?

- Do you run the program block-by-block?
- Do you waste time air cutting?
- Do you verify CNC programs using machinable wax?
- Do you modify your NC program during the prove-out?
- Do you experience collisions?
- Have you ever broken any fixtures, tools, or machine components?

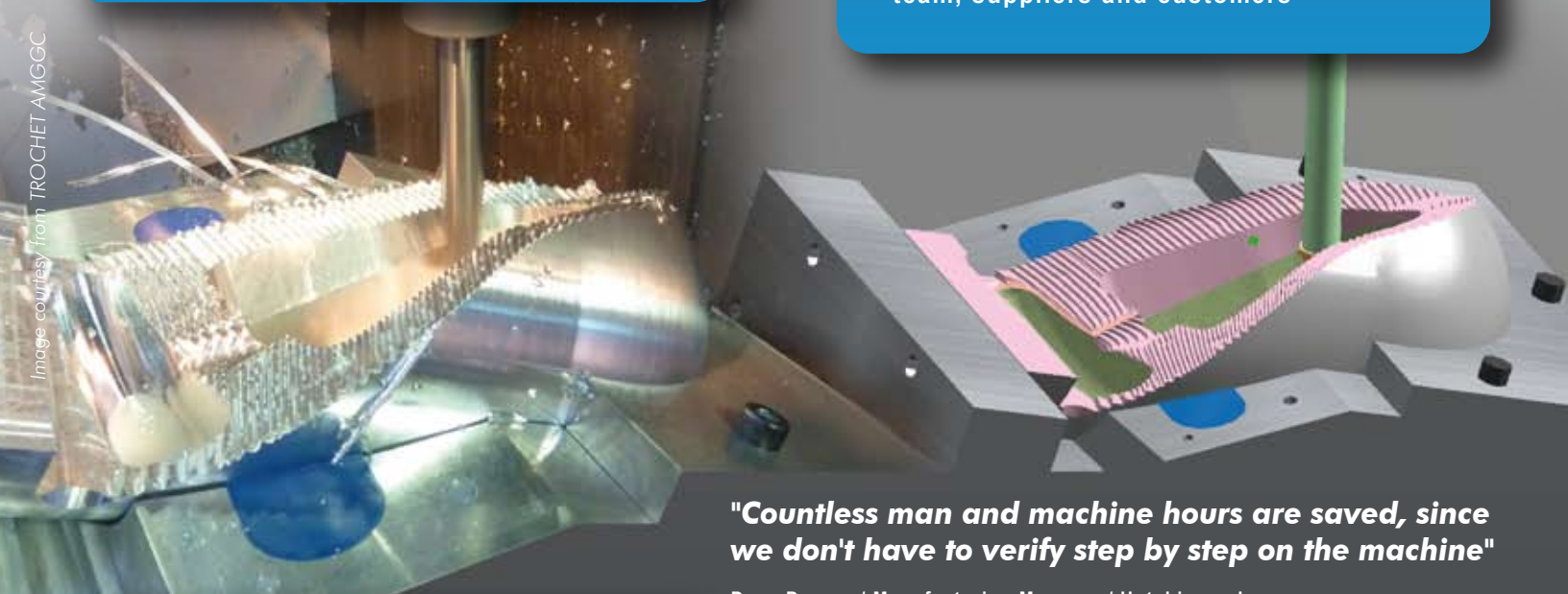
If you answered YES to any of the questions above, you need NCSIMUL

Benefits of NCSIMUL

Save time, money and equipment

- Test your program on a PC; keep your CNC machine running
- Eliminate manual prove-outs
- Secure your machine environment and avoid crashes
- Train new employees in shorter virtual sessions and eliminate risk
- Optimize cutting conditions and improve productivity
- Standardize shop floor documentation in no time and collaborate with your internal team, suppliers and customers

Image courtesy from TROCHET-AMGGC



"Countless man and machine hours are saved, since we don't have to verify step by step on the machine"

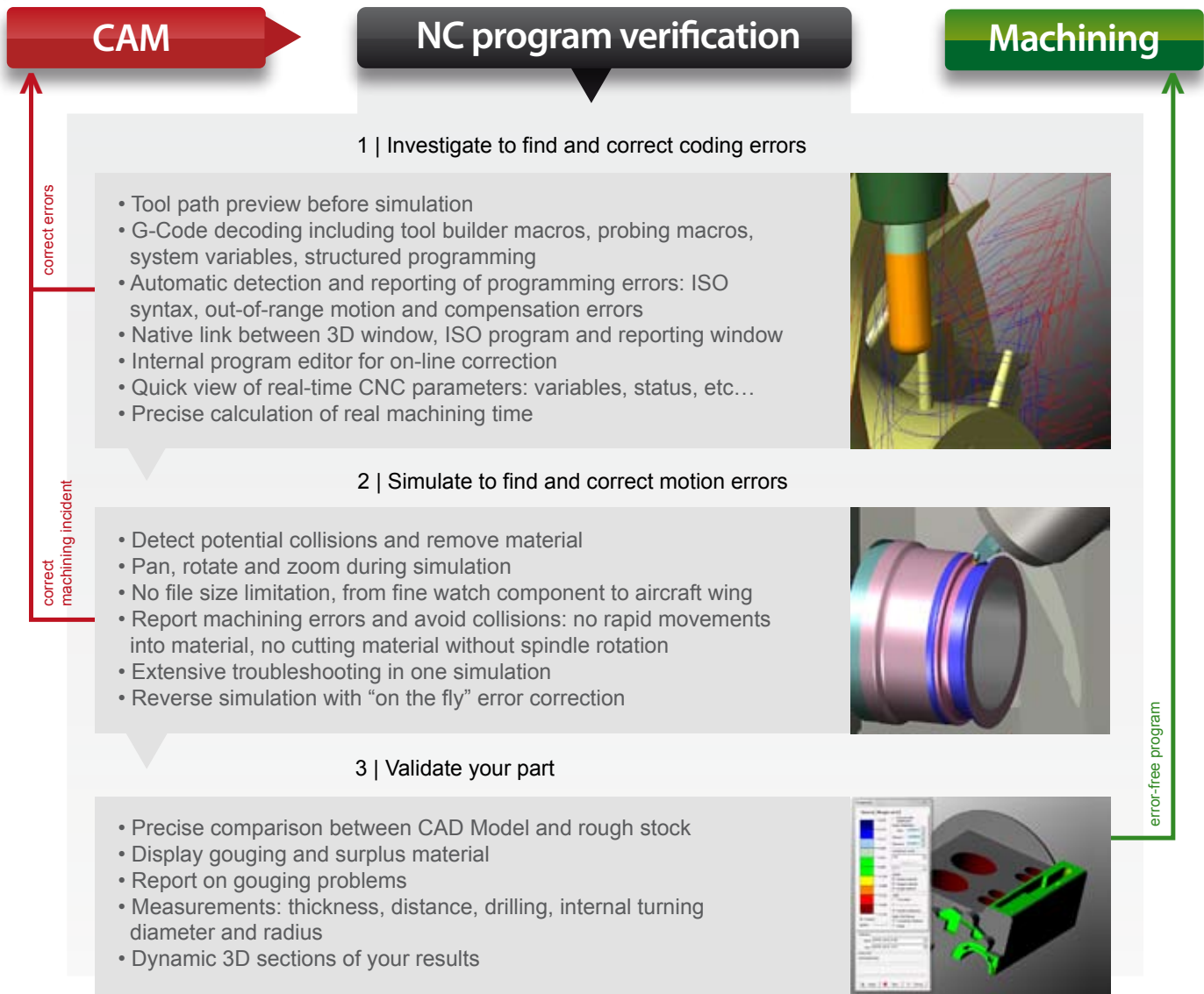
Dean Dancer / Manufacturing Manager / Hutchinson Inc

Exclusive features

- Read and simulate any G-Code and machine tool builder macros
- Preview tool path and detect errors before simulation
- Interact easily between 3D window, G-code program, and information windows
- Preview machine movements and material removal with graphical 3D technology and dynamic zoom capabilities
- No machine is too complex: NCSIMUL supports an unlimited number of channels
- Launch all major verification tasks from a single screen
- Turnkey solution which includes machine license, service and support at no additional cost



NCSIMUL, Verify your NC programs in three steps



Two additional options to improve your productivity

NCDOC® Standardize your shop floor documentation

- Create 3D simulation movies for collaboration with your suppliers and customers
- Produce technical documentation for the shop floor quickly and easily
- Generate customizable inspection reports

OPTITOOL® Optimize your cutting conditions

- Analyze the actual cutting conditions
- Reduce air-cutting
- Optimize feed-rates into material
- Write new G-code file



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